

Nomination for Waters
Important to Anadromous Species

Year of Revision
1990

Approved

Name of Waterway BELLE CREEK
AWC# of Waterway 334-40-11000-2490-
3151-4020-5191

AWC Volume & Number _____

USGS Quad LIVENGOOD A1

Addition X Correction _____
Deletion _____ Change _____

Change to X Atlas
Catalog
Both

<u>[Signature]</u>	<u>10/3/89</u>
Regional Supervisor	Date
<u>90 120</u>	<u>2/27/89</u>
<u>FI</u>	<u>12/13/89</u>
Drafted	

OK

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>ATTACHED</u>				

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

ATTACHED

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) AL OTT AL TOWNSEND

Date: 10/3/89 Signature: [Signature] Albion Townsend

Address: 1300 College Road
Fairbanks, AK 99701

ALASKA DEPT. OF
FISH & GAME

OCT 11 1989

REGION II
HABITAT DIVISION

BELLE CREEK

Location - Livengood A-1, Section 5, T4N, R3E, FM and Section 32, T5N, R3E, FM

Sample Reach - 800 ft reach from mouth of Belle Creek to the Steese Highway

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel and cobble substrate, overhanging vegetation, no fish barriers observed, aquatic habitat rated #3

Sample on July 12, 1989 - water clear (48 F), discharge 5 cfs, 22 slimy sculpin and 11 chinook salmon (45, 58, 52, 48, 54, 48, 54, 52, 52, 51, 50 mm) collected and released

Summary of 1989 Sampling - anadromous fish habitat present with high use by juvenile chinook salmon documented, recommend retaining sample reach in catalog

BELLE CREEK

Location - Livengood A-1, Section 31, T5N, R3E, FM

Sample Reach - 350 ft reach immediately upstream of the Steese Highway, approximately 1/2 stream miles from the Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach not in catalog

Description of Sample Reach and Observations - sand, gravel, and cobble substrate, overhanging vegetation with undercut banks, partial fish barrier in area where the channel has recently changed due to an old beaver dam, fish captured above and below channel change, aquatic habitat rated #3

Sample on July 12, 1989 - water clear (48 F), discharge 5 cfs, 32 slimy sculpin and 26 chinook salmon (57, 57, 61, 54, 51, 54, 49, 54, 51, 53, 50, 68, 47, 56, 67, 54, 54, 55, 56, 55, 52, 51, 52, 63, 53, 56 mm) collected and released

Summary of 1989 Sampling - anadromous fish habitat present with high use by juvenile chinook salmon documented, recommend **extending the anadromous fish distribution on Belle Creek**

LIVENGOOD (A-1) QUADRANGLE
ALASKA

1:63 360 SERIES (TOPOGRAPHIC)

(CIRCLE B-6)

R 2 E (LIVENGOOD B-1)

R 3 E 10'

340 000 FEET

R 3 E R 4 E

147°00' 65°15'

4 110 000
FEET

CIRCLE 115 MI.

T 5 N.
T 4 N.

10'

